

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035869.D
 Acq On : 29 May 2024 17:35
 Operator : SY/MD
 Sample : P2632-15
 Misc : 4.05g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHBV1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/31/2024
 Supervised By :Semsettin Yesilyurt 05/31/2024

Quant Time: May 30 01:20:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 01:13:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	44287	25.000	ug/L	0.01
28) Chlorobenzene-d5	8.789	117	51899	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	21706	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	6754	9.867	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	39.480%		
7) Chloroethane-d5	1.529	69	11781	21.334	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.320%		
11) 1,1-Dichloroethene-d2	2.053	65	3801	12.543	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	50.160%		
21) 2-Butanone-d5	3.857	46	9618m	49.512	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.020%		
24) Chloroform-d	4.252	84	50223	38.145	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	152.600%#		
26) 1,2-Dichloroethane-d4	4.947	65	46710	71.763	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	287.040%#		
32) Benzene-d6	4.963	84	66336	23.350	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.400%		
36) 1,2-Dichloropropane-d6	5.992	67	38004	43.347	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	173.400%#		
41) Toluene-d8	7.249	98	42055	16.633	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	66.520%		
43) trans-1,3-Dichloroprop...	7.571	79	9757m	26.022	ug/L	0.02
Spiked Amount 25.000	Range 30 - 135		Recovery =	104.080%		
47) 2-Hexanone-d5	8.056	63	2887m	18.313	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	36.620%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	45776	54.184	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	216.720%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	18712	24.840	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.360%		
Target Compounds						Qvalue
13) Acetone	2.143	43	7037	24.747	ug/L	72
16) Methylene chloride	2.445	84	18969	18.574	ug/L	94
25) Chloroform	4.281	83	2243	1.502	ug/L	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

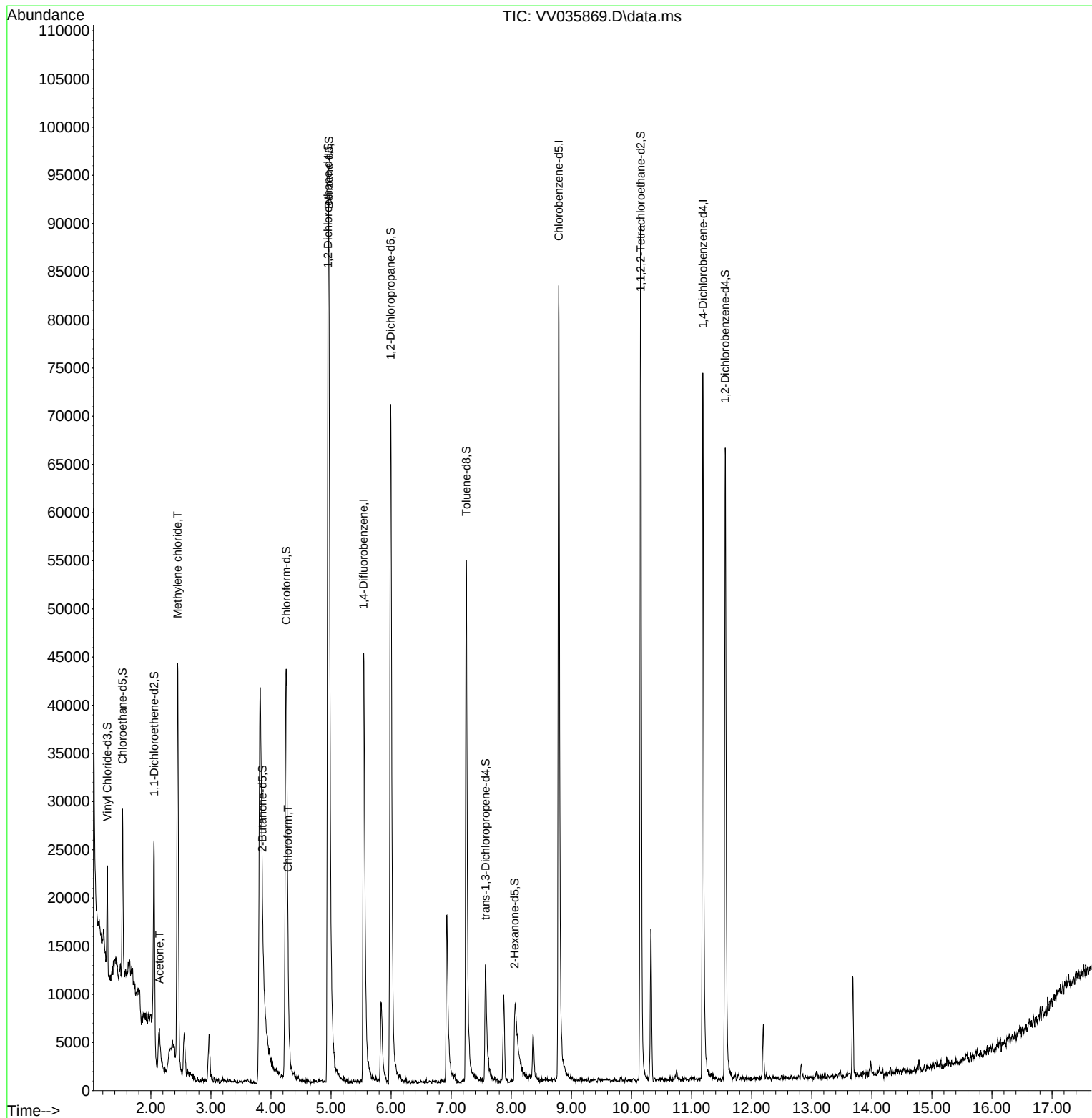
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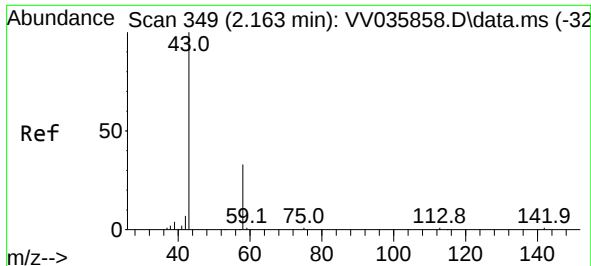
Instrument :
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Quant Title : VOC Analysis
QLast Update : Thu May 30 01:13:31 2024
Response via : Initial Calibration





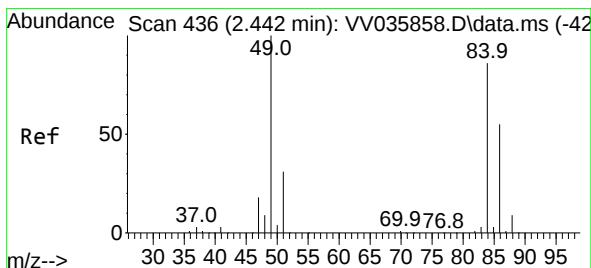
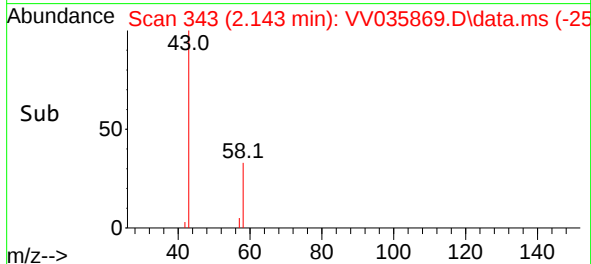
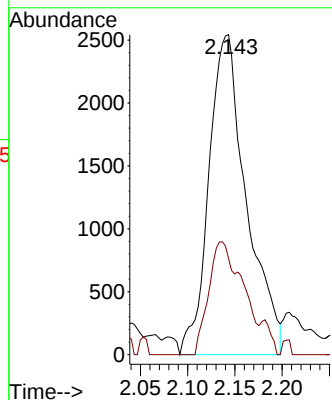
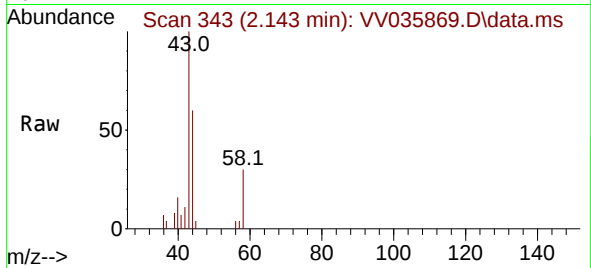
#13
Acetone
Concen: 24.747 ug/L
RT: 2.143 min Scan# 34
Delta R.T. -0.019 min
Lab File: VV035869.D
Acq: 29 May 2024 17:35

Instrument :
MSVOA_V
ClientSampleId :
BHY1

Tgt Ion: 43 Resp: 703
Ion Ratio Lower Upper
43 100
58 22.0 0.0 22.8

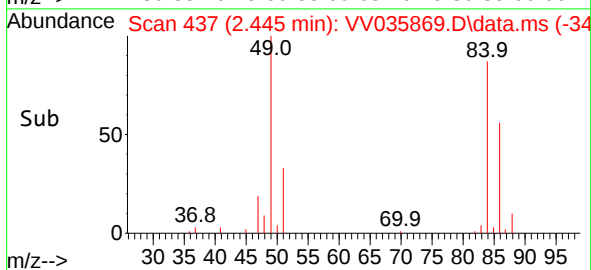
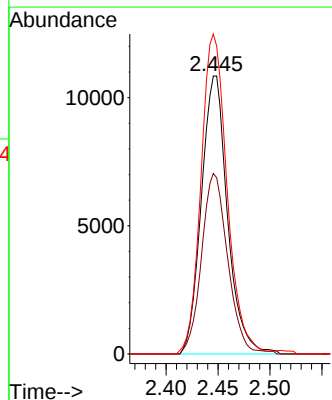
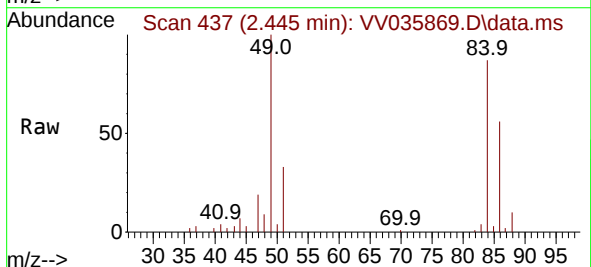
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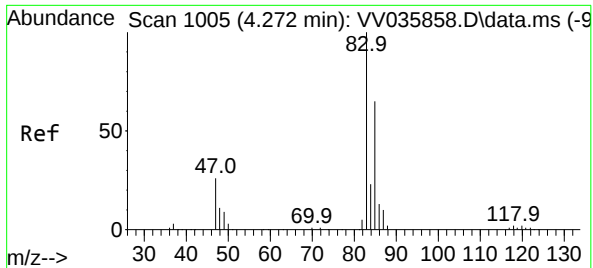
Reviewed By :Mahesh Dadoda 05/31/2024
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#16
Methylene chloride
Concen: 18.574 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV035869.D
Acq: 29 May 2024 17:35

Tgt Ion: 84 Resp: 18969
Ion Ratio Lower Upper
84 100
86 64.9 43.8 81.3
49 115.1 75.3 139.9





#25
Chloroform
Concen: 1.502 ug/L
RT: 4.281 min Scan# 10
Delta R.T. 0.010 min
Lab File: VV035869.D
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Instrument :
MSVOA_V
ClientSampleId :
BHY1

Tgt Ion: 83 Resp: 224
Ion Ratio Lower Upper
83 100
85 73.3 44.7 82.9

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